



Espacenet

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MATERIAL FOR TARGET

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Abstract of JP 62070550 (A)

PURPOSE: To stabilize the composition and to improve the strength by sintering an intermetallic compound of a rare earth metal such as Gd or Tb with an iron group metal such as Fe or Co, and a simple substance of the iron group metal.

CONSTITUTION: The intermetallic compound has a composition consisting of 30-50wt% one or more kinds of rare earth metals and the balance one or more kinds of iron group metals. The material for target is obtd. by sintering the intermetallic compound and simple substances of the iron group metals, and has a fine mixed structure. The rare earth metals include Gd, Tb, Dy, Ho, Tm, Er and an alloy thereof. The iron group metals include Fe, Co, Ni and an alloy thereof.

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